



09/22/99

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Patent Application Transmittal

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the **Patent Application** of:

Inventor: F. D. Busche, et al

For: Method and System for Integrating Spatial Analysis and Data Mining Analysis to Ascertain Favorable Positioning of Products in a Retail Environment

Enclosed are:



Five (5) sheets of drawings.



An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.



A certified copy of a \_\_\_\_\_ application.



An associate power of attorney.



Declaration and Power of Attorney for Patent Application unsigned by the inventors.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
For:	No. Filed	No. Extra
Basic Fee		
Total Claims	30-20 =	10
Indep. Claims	6-3 =	3
<input type="checkbox"/> Multiple Dependent Claim Presented		

Surcharge-Late Filing Fee or Oath or Declaration
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## Other Than Small Entity

Rate	Fee
	\$760.00
x \$18.00=	\$180.00
x \$78.00=	\$234.00
\$260.00	\$ .00
Subtotal	\$1174.00
\$130.00	\$ .00
TOTAL	\$1174.00

## Deposit Account Authorization

Please charge Deposit Account No. 09-0461 in the amount of \$1174.00. A duplicate copy of this sheet is enclosed.The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0461. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. §1.16.



Any patent application processing fees under 37 C.F.R. §1.17.

Date: September 22, 1999

Respectfully submitted,

By

*Gregory M. Doudnikoff*  
 Gregory M. Doudnikoff  
 Attorney of Record  
 Registration No. 32,847  
 IBM Corporation  
 Intellectual Property Law  
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## EXPRESS MAIL CERTIFICATE

Express Mail Label Number: EK008147024US  
Date: September 22, 1999

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

*Catherine M. Robbins*  
 Catherine M. Robbins

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: F. Busche, et al

Serial No.:                      Group No.:

Filed:              Herewith

For: Method and System for Integrating Spatial Analysis and Data Mining Analysis to Ascertain Favorable Positioning of Products in a Retail Environment

Assistant Commissioner of Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number: EK008147024US

Date of Deposit: September 22, 1999

**WE REQUEST THE DATE OF DEPOSIT AS THE DATE FILED.**

I hereby certify that the following **attached** correspondence comprising:

1. Patent Application Transmittal (In duplicate)
2. Letter to the Examiner
3. Declaration and Power of Attorney unsigned
4. Patent Application (56 pages)
5. Drawings (5 sheets)
6. Business Reply Post Card

is being deposited with the United States Postal Service Express Mail Post Office to Addressee service under CFR 1.10 on the date indicated above and is addressed to:

**Assistant Commissioner of Patents  
Washington, D.C. 20231**

Catherine M. Robbins  
(Name of person mailing paper or fee)

Catherine M. Robbins  
(Signature of person mailing paper or fee)

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of : September 22, 1999  
F. Busche, et al : IBM Corporation  
Ser. No. : Dept.T81/Bldg. 062  
Filed Herewith : P.O. Box 12195  
For: Method and System for Integrating : Res. Tri. Park, NC 27709  
Spatial Analysis and Data Mining Analysis :  
to Ascertain Favorable Positioning of Products :  
in a Retail Environment :

Letter

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Attached hereto is patent application CR9-99-049, a set of drawings and a Declaration and Power of Attorney for Patent Application which lists the names of the inventors but is not signed. The filing is in accordance with Rule 1.53 of the Rules of Practice in Patent Cases.

A Declaration and Power of Attorney for Patent Application signed by the inventor will be submitted within the time allotted for filing such documents.

Respectfully submitted,



Gregory M. Doudnikoff  
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Reg. No. 32,847

GMD:cmr

Docket No: CR9-99-049

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